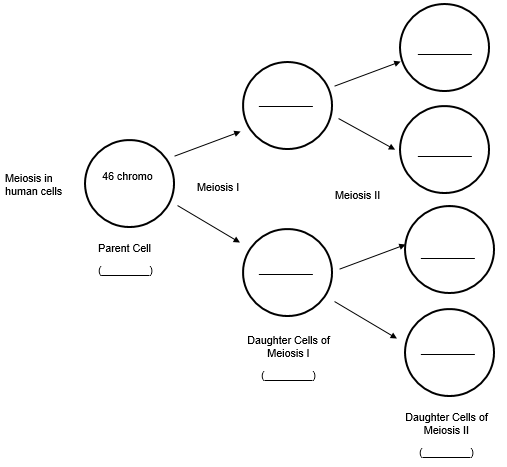
**Meiosis and Chromosome Number**

Pre-AP Biology, Mrs. Krouse

In meiosis, how does the number of chromosomes in the daughter cells compare with the number of chromosomes in the parent cell?

What types of cells are created through meiosis?



During which stage of meiosis (meiosis I or meiosis II) is the chromosome number reduced by half?

Why do we say that meiosis II is similar to mitosis?

Metaphase I in the Parent Cell (if the parent cell has 4 chromosomes instead of 46)

What do A1 and A2 represent?

What do “A” and “a” represent?

How many chromosomes and are they replicated?

Is this a diploid or haploid cell?

Anaphase I in the Parent Cell

How many chromosomes and are they replicated?

Is this a diploid or haploid cell?

What are the spindle fibers splitting?

Metaphase II in the Daughter Cells of Meiosis I

How many chromosomes and are they replicated?

Are these diploid or haploid cells?

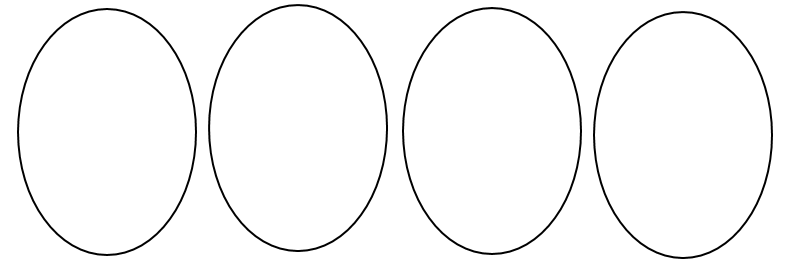
Anaphase II in the Daughter Cells of Meiosis I

What are the spindle fibers splitting?

How many chromosomes and are they replicated?

Are these diploid or haploid cells?

Daughter Cells of Meiosis II



How many chromosomes and are they replicated?

Are these diploid or haploid cells?